

IN THE CLAIMS:

1                   1. (Four times amended) A method for inhibiting the  
2 adherence of lymphocytes to cytokine-activated endothelial  
3 cells [other than those lining high endothelial venules  
4 (HEV),] comprising exposing the lymphocytes to an effective  
5 amount of an antibody, or an antigen-binding fragment thereof,  
6 that binds to  $\alpha_4\beta_1$  and thereby inhibiting the adherence of  
7 lymphocytes to cytokine-activated endothelial cells.

1                   32. (Four times amended) A method of preventing  
2 lymphocyte migration into tissues comprising administering an  
3 effective amount of an antibody, or an antigen-binding  
4 fragment thereof, which prevents the adhesion of lymphocytes  
5 to cytokine-activated endothelial cells [other than those  
6 lining high endothelial venules (HEV)] via an  $\alpha_4\beta_1$  receptor to  
7 a subject in need of such treatment.

REMARKS

Claims 1-5, 32 and 34-36 are pending. Claims 1 and 32 have been amended to delete reference to "other than those lining high endothelial venules (HEV)" as requested by the Examiner, which is discussed in more detail below. Claims 1